

Deliverable 1

Problem Statement:

Identify relevant data sources from where a filetype information (as described above) can be extracted based on filename or file extension. List at least 5 relevant sources and explain the rationale on why it should be used.

Identified Data Sources

1. File Ext website
2. File Info website
3. metadata2go.com website
4. CheckFileType
5. Detectfiletype website
6. Cryer
7. Webopedia Website
8. Htmlstrip
9. File Stack website

File Ext website:

FILEExt is one of the oldest and most respected collections of file formats and file extensions. Over the past 20 years, more than 50 million users have found the right information and tools to open any file on their computer or smartphone. Our knowledge gathered during this period is regularly reviewed and updated. Tom Simondi first provided this information in 2000 as a free online resource for the Internet community.

Link: <https://filext.com/>

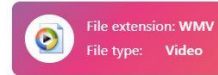
Preview:



[Viewer](#) [FAQ](#) [About](#) [Contact](#)

Opening a WMV File

The WMV file type is primarily associated with Media Player.



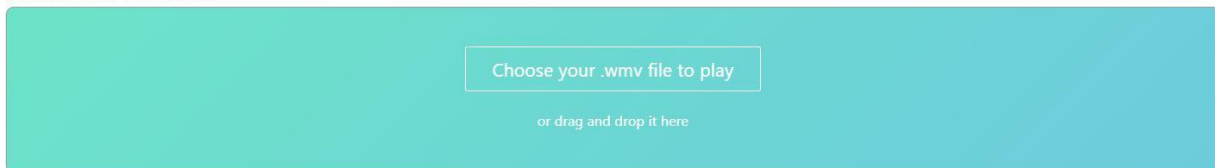
What is a WMV file?

WMV files mostly belong to [Media Player](#) by Microsoft. WMV is the filename extension of videos compressed with a Windows Media Video codec and saved in Windows Media Video's standard, screen, or image format. A WMV file contains multiple audio streams, video streams, and metadata stored in an ASF (Advanced Systems Format) container. WMV files containing standard Windows Media Video support variable bitrate and constant bitrate videos. This variation of WMV files are the most recognized compression format in the WMV family and it supports video resolutions exceeding 300,000 pixels. Windows Media Video Screen format also uses WMV filename extension to store screencast content typically used for tutorial or presentation videos. WMV filename extension is also associated with Windows Media Image slideshow format which encodes videos as a sequence of images. The audio streams in WMV files are usually stored in [WMA](#) (Windows Media Audio) format. You can play WMV videos with Media player, VLC, and RealPlayer.

How do you open WMV files?

You need a suitable software like [Media Player](#) to open a WMV file. Without proper software you will receive a Windows message "How do you want to open this file?" or "Windows cannot open this file" or a similar Mac/iPhone/Android alert. If you cannot open your WMV file correctly, try to right-click or long-press the file. Then click "Open with" and choose an application. You can also display a WMV file directly in the browser. Just drag the file onto this browser window and drop it.

Online WMV File Viewer



[Read our privacy guarantee in FileExt's terms and privacy policy](#)

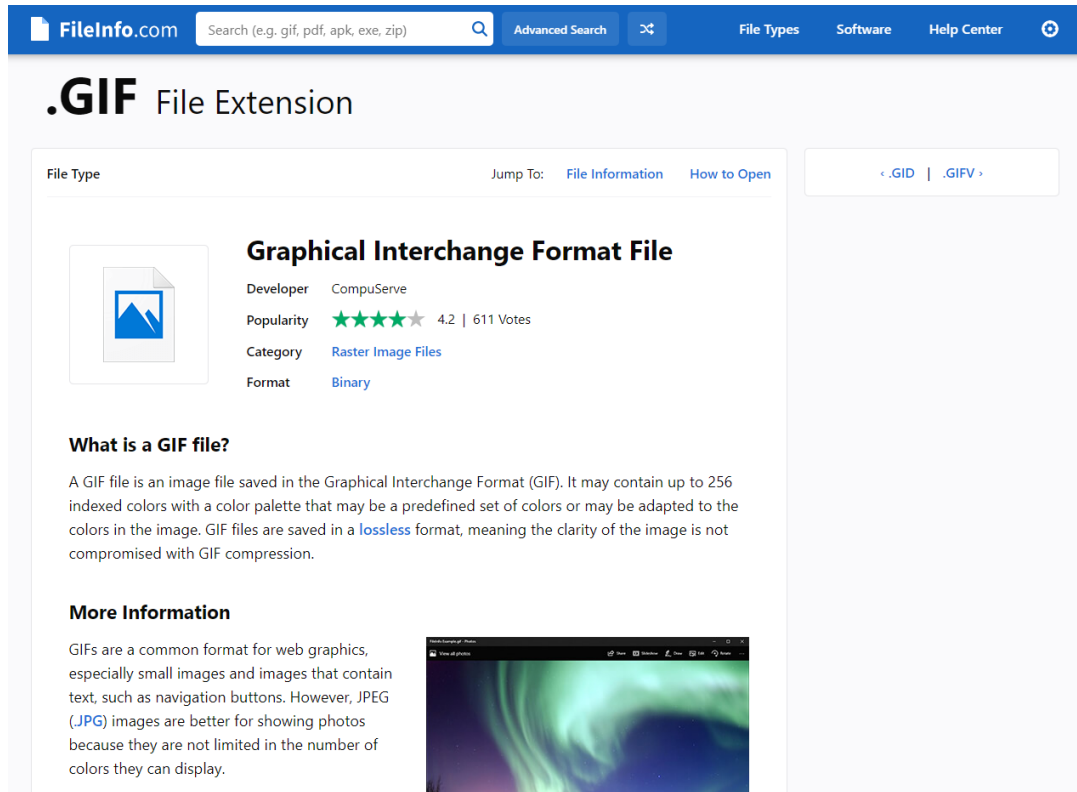
File Info website:

This website, founded in 2005, has been constantly working with developers to create a central file extensions registry. This website has become an authoritative website where developers can submit new file extensions and provide information about file types. Presently it has more than 10000 file extensions with detailed information about the associated file types.

We can scrape data from file Info Website to get all the necessary data related to a file extension. Data which could be scrapped or crawled from this website

Link: <https://fileinfo.com/browse/>

Preview:



The screenshot shows the FileInfo.com website interface. At the top is a navigation bar with the FileInfo.com logo, a search bar, and links for Advanced Search, File Types, Software, and Help Center. The main heading is ".GIF File Extension". Below this, there's a section for "File Type" with a "Jump To:" menu containing "File Information" and "How to Open". A sidebar on the right shows navigation links for ".GID" and ".GIFV". The main content area features a "Graphical Interchange Format File" section with a document icon, developer information (CompuServe), popularity (4.2 stars from 611 votes), category (Raster Image Files), and format (Binary). Below this is a "What is a GIF file?" section explaining that GIF files are saved in a lossless format. A "More Information" section follows, stating that GIFs are common for web graphics but less suitable for photos than JPEGs. A small image of the aurora borealis is shown at the bottom right of the content area.

Metadata2go.com website :

Metadata2Go.com is a free online tool that allows you to access the hidden exif & meta data of your files.

Just drag & drop or upload an image, document, video, audio or even ebook file. We will show you all metadata hidden inside the file!

No matter if image metadata, document information or video exif – we check your file for you!

Metadata is, basically, information about other data.



Many files contain extra or even hidden data other than the visual data you see at first glance. E-books, photographs, movies, music and even documents can contain data that you don't see at first glance.

Link: <https://www.metadata2go.com/>

Preview:




METADATA2GO.COM

FREE ONLINE EXIF VIEWER

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Metadata Info Of Your File

The following table contains all the exif data and metadata info we could extract from your file using our free online metadata and exif viewer.

File Name	futureinternet-12-00184-v2.pdf	
File Size	873 KiB	
File Type	PDF	
File Type Extension	pdf	
Mime Type	application/pdf	
PDF Version	1.7	
Linearized	No	
Author	Furkan Paligu and Cihan Varol	
Create Date	2020:10:28 16:38:38+08:00	
Creator	LaTeX with hyperref package	
KEYWORDS		
0	digital	
1	forensics;	
2	persistent	
3	storage;	
4	web	
5	browser	
6	forensics	

CheckFileType

This website is used to determine any file type, file extension, and MIME type based on the file contents.

Link: <https://checkfiletype.com/>

Preview:



CheckFileType Online - 100% Free & Secure

Determine any file type, file extension, and MIME type based on the file contents

[Check out the latest file types detected](#) • [Check a File Type](#)

Get Free API Access by doing any of the following:

1) Link to CheckFileType.com

If you place a link on a reputable blog, website or forum we will give you API access up to 100 API calls per day. Copy and Paste the following code:

```
<a href="https://www.checkfiletype.com">Online File Type Checker </a>
```

2) Write an article about CheckFileType.com

Write a blog post or article about CheckFileType.com and earn 300 API calls per day

3) Make a video tutorial about CheckFileType.com>

Once your video is live and on a well visited website we will give you 300 API calls per day.

Once your link, video, or article is ready contact us at [api \[at\] checkfiletype.com](mailto:api@checkfiletype.com)

Detectfiletype website :

Detectfiletype.com is an online file type detector to determine the true file type based on the file contents, not the extension. For example, just because your file is named "file.doc" it doesn't necessarily mean it's a Word document. It could be any type of file that just has an incorrect extension.

The extension of a file can be misleading since it's simply part of the name of the file. If you take an ".gif" file and rename it to ".doc" your operating system can be confused on which application should open the document.

DetectFileType allows you to upload a file and analyze the bits and bytes of it to tell you what is the true filetype of your document.

Link: <http://www.detectfiletype.com/>

Preview:

DetectFileType.com SUCCESS

The file type is:

File Type: PDF document, version 1.7 (Lepton 2.x), scale 52188-15457, spot sensor temperature 44974043136.000000, color scheme 195, minimum point enabled, maximum point enabled, calibration: offset 0.000000, slope -0.000000
- data

MIME Type: application/pdf;
Suggested file extension(s): pdf

[Insepect Another File](#)

Cryer website :

Cryer This list of file types sets out to answer the common question "What is a file of type .x?" or "What is that file extension for?"

A file type is denoted by those letters that follow the last dot in a file name. These letters denote the type of file, and are also commonly known as a file extension. On Windows PCs the file extension may be hidden by Windows, but is still part of the file name.

This list of file types contains a list of file extensions together with a brief description of the type of file that the extension is associated with. Where known, relevant links to external resources are also provided for each file type, such as file format information and applications that can open and work with each file type.

Link: <http://www.cryer.co.uk/file-types/>

Preview:

.A files

[.a](#)[.b](#)[.c](#)[.d](#)[.e](#)[.f](#)[.g](#)[.h](#)[.i](#)[.j](#)[.k](#)[.l](#)[.m](#)[.n](#)[.o](#)[.p](#)[.q](#)[.r](#)[.s](#)[.t](#)[.u](#)[.v](#)[.w](#)[.x](#)[.y](#)[.z](#)[.other](#)

This page contains a list of file extensions that start with .A. The page contains summary information only, for further information about a file extension click on the file extension from the list below. If you require information about a file extension starting with a different letter then follow one of the links above.

- [.a](#) - UNIX static library file / ADA source code file.
- [.ac](#) - ACwin project file / GNU Autoconf configuration script / AC3D geometry file / Acceleration record file.
- [.acc](#) - GEM desk accessories file.
- [.accdb](#) - Microsoft Access 2007 database file.
- [.ace](#) - ACE Archiver compression file.
- [.act](#) - Action diagram (FoxPro) / Action File (Animation Master).
- [.acv](#) - Adobe Photoshop compensation curve file.
- [.ade](#) - Microsoft Access project extension.
- [.adf](#) - Amiga disk file.
- [.adm](#) - Addict Dictionary file / Group Policy Administrative Template file.
- [.adp](#) - Microsoft Access project file / Dynamic web page.
- [.adz](#) - Compressed Amiga disk file.
- [.afw](#) - Bullion firmware file.
- [.agd](#) - Agile Advantage file / AgileGraph data file.
- [.ai](#) - PostScript viewer / Acrobat Illustrator vector graphics file / AIwin project file.
- [.aid](#) - MapXtreme generated file.
- [.aif](#) - Audio Interchange File.
- [.aifc](#) - Compressed audio file.
- [.aiff](#) - Audio Interchange file.
- [.air](#) - Adobe AIR installation package file / Automated Image Registration linear spatial transformation file.
- [.ald](#) - Axapta Label Data file.
- [.alg](#) - ESRI Mapper File / HDLmaker file.
- [.als](#) - Part of the Delphi help file system.
- [.amm](#) - Adaptive Message Macro file.

Webopedia website:

Webopedia is an online tech Dictionary for IT professionals, educators and students which provides definitions to words, phrases and abbreviations related to computing and information technology. So this website is one of the source to find some short description about a given file extension. But its worth noting that this website may not be updated frequently and has very less number of file extensions

Link:

<https://www.webopedia.com/reference/data-formats-and-file-extensions/>

Preview:

HOME > IT MANAGEMENT

List Of Data Formats & File Extensions: Reference Guide

Webopedia Staff

June 29, 2010 > Updated on: May 24, 2021

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Webopedia's list of Data File Formats and File Extensions makes it easy to look through thousands of extensions and file formats to find what you need.

With literally thousands of data file formats employed by Windows and Window-based apps, keeping track of all the file extensions used by software applications and programs can be a challenge.

WEBOPEDIA'S LIST OF DATA FILE FORMATS AND FILE EXTENSIONS

Fortunately, Webopedia's Complete List of Data File Formats and File Extensions makes it quick and easy to sift through thousands of file extensions and data file formats to find exactly what you need. You can peruse the full list or search for data formats and file extensions based on the letter they start with from the table below.

Number Symbol A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Full List

Data File Formats and File Extensions – Complete List

.lbt	BitTorrent Incomplete Download file
.lqb	qBittorrent Partial Download file
.lut	uTorrent Incomplete Download file
.#24	Printer data file for 24 pin matrix printer (LocoScript)

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COMPUTERS

Htmlstrip:

Htmlstrip is a handy tool to check what type of file you are dealing with by checking the Multipurpose Internet Mail Extension. This is especially useful for developers who are working on validation and want to know if the file MIME type being tested does indeed match the one being validated against. It takes your upload and stores a temporary file, which is then inspected to see what the MIME type is. It does not rely on the file extension to complete the task. All files uploaded via the https protocol and are immediately deleted after inspection. Max file upload size: 50MB (this can be raised).

Link: <https://www.htmlstrip.com/mime-file-type-checker>

MIME File Type Checker

A handy tool to check what type of file you are dealing with by checking the Multipurpose Internet Mail Extension. This is especially useful for developers who are working on validation and want to know if the file MIME type being tested does indeed match the one being validated against.

Choose a File

Find File MIME Type

Clear

This File Type is:

Filestack Website:

Filestack is a set of tools and powerful APIs that allow you to upload, transform and deliver content easily. Our beautiful UI integrations provide great experiences to your users and our powerful APIs let you quickly and seamlessly oversee all your file management needs. Filestack's scalable infrastructure powers billions of uploads, transformations and downloads every month providing great performance to users anywhere in the world.

Link:<https://blog.filestack.com/thoughts-and-knowledge/document-file-extensions-list/>

Preview:

